

CENTRAL INTELLIGENCE AGENCY
INFORMATION FROM
FOREIGN DOCUMENTS OR RADIO BROADCASTS

CD NO.

SUPPLEMENT TO
REPORT NO.

THIS IS UNEVALUATED INFORMATION

RECENT DEVELOPMENTS IN YUGOSLAV TELECOMMUNICATIONS

5. The Chemical Technological Section, which has four laboratories, is charged with solving problems involving electrolytic capacitors, pyrolitic [ceramic?] resistors, ceramics, etc., and is charged with putting such items into production.

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6. Section Six solves problems involving high-frequency heating, smelting of alloys, and the construction of high-frequency furnaces.

7. Section Seven includes general technical service; the work shop; planning, coding, and standardizing; technical documentation, the library, the photographic laboratory; and the subsection for winding.

8. Section Eight involves the work of the institute's foreign associates, especially the cooperation of Professor Lasic of the Advanced Technical School in Ljubljana, whose high-vacuum laboratory is the only one of its kind in Yugoslavia.

In addition to the sections described above, the Institute of Telecommunications has an administrative department, a commercial department, and an accounting department.

Recently an economic analysis group was established to aid research workers in planning their work and to aid in the development of the institute.

The institute is now considering the establishment of a board to consider questions involving patents and licenses.

The Telecommunications Enterprise connected with the institute has accomplished the following work:

1. The development and manufacture of multichannel equipment for wireless telegraphy and single-side band transmission of speech on short waves.

2. The development and serial production of single channel high-frequency equipment, adaptable to five channels, for utilization in post offices.

3. The development and serial production of equipment for high-frequency telephony on high-voltage transmission power. This equipment is being manufactured for the entire electric power network.

4. The development and production of telephone dials, connections, and grids.

5. The development of and preparation for production of magnetic power stabilizers.

6. The development and production of measuring instruments, such as C- and L- ohmmeters to be used both in production and laboratories, high- and low-frequency oscillators, vacuum-tube voltmeters, oscillographs, pH-meters, and other instruments used in serial production.

7. The development and production of up to one-kilowatt short-wave transmitters.

8. The production of radio receivers; the Telecommunications Enterprise is preparing to produce a radio receiver completely made of domestic material.

9. The production of parts such as high- and low-power electrolytic capacitors, paper capacitors, mica capacitors, film and pyrolitic /ceramic? resistors, loud-speaker diaphragms, complete loud-speakers, high-frequency ceramics, etc.

Assembly plants have been established in Semic and Sent Jernej. They are supplied with parts and equipment by the Telecommunications Enterprise. To develop the telecommunications industry, it is planned to establish additional plants of this kind, which would depend on the institute for development and on the enterprise for production. -- Rudolf Jancar

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RADIO AMATEURS JOIN IARU -- Belgrade, Radioamater, Apr 53

In order to promote closer cooperation with radio amateurs of all countries, the SRJ (Savez radioamatera Jugoslavije, Association of Radio Amateurs of Yugoslavia) recently joined the IARU (International Amateur Radio Union). -- Engr Herman Vidmar

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